

Specification of Connector (Interface)

| | | |
|----------------|---|--------------------------------------|
| Interface name | Login | comments |
| Provider | Booking Appointment | |
| | Operation: <i>Not_Register</i> | User not yet hold crownpassholder ID |
| | Request Parameters: emailaddress,password Response Parameters: authenticationCode Function: grant access if request parameters matches to the Database then redirect to booking appointment; errorMessage , if one of request parameter don't match with stored information in the database. | Authenticate user to the system |
| | Operation: <i>Signup/register account</i> | |
| | Request Parameters: emailaddress,password Response Parameters: emailaddress,if signup successful; else ErrorMessage, if signup incomplete Function: Before allowing user to signup or create account the email address enter by the user have to be check if the email address already in the system database. If the email address already on the system database the message display account already in the database and redirect user to login else user can register and book appointment. | |

Specification of the Component(Database)

| | |
|----------------------------|--|
| Database Name | Crownpass_Data |
| Description | The database stores information for entering test result and registered crownpassholder by create new account. |
| Type | Relational Database |
| Design | Tables: Crownpassholder, TesterId, Contact_Information |
| Table:CrownPassHolder | Fields: CrownpassholderId, TesterId, FullName,TestDate/Time,PhoneNumber,TestResultId |
| Table: Tester | Fields: TesterId,FullName,StartTime/Date, Finishtime/Date |
| Table: Contact_Information | Fields: ContactId, FullName,MobileNumber,Address,CrownpassholderId |
| Table: TestResult | Fields: TestResultId, ResultName |
| | |
| | |